UREMENT BOOK

Dimensions				Contents	Reference to last Measurement
umber 3	Length 4	Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260733

Serial No. 1st and final Bill

Name of Work ..... From ..... To .....

Name of Contractor of nature of Agency ..... B.B. Umesh. Contractor

Date of commencement of work ..... D.O. Records : 20/04/2015

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Name of Work :	Improvements and Asphalting to S.R.M.V. Layout balance Roads in Ward no. 09 of Vidyaranyapura Sub Division					
	Estimated Cost Rs	Rs. 20.00 Lakhs					
	JOB. No	: 009 - 15-000037				(P.2434 - Tar and Hinge. grant) 2014-15	
	Work order. No	: EE/BTP/BBMP/E-PMC/ 31 /2015-16 Dt 22/04/2015					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Earthwork excavation by manual means in loading dead soil including an average horizontal throw upto 2m and an average lift upto 0.50m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods etc complete as per specifications and directions of engineer-in charge of the work.					Qty vide this MB Pno. 260789 Sl.No. 396.484 @ 85/-	33701.-
	2) Scarifying existing stone metal layers upto 75mm thick along with the bituminous surface, picking up scattered						

erial No. .....
ame of Work .....
ame of Contractor of nature o
ate of commencement of wor

Date	Full description, etc,
	2
	materials and lead of 100m, with fresh ag as per water and directions
3)	Providing and lay

UREMENT BOOK

Dimensions				Contents	Reference to last Measurement
mber 3	Length 4	Breadth 5	Depth 6	7	8
mud mixing adding dal including					
new upto 2m and an average					
surface levelled and finishing					
ported earth to be levelled					
ding etc complete as per					
ns of engineer-in-charge of					
Qty vide this MB ✓					
P no. 260785 ✓ at ①				396.484 @ 85%'	33701.00
metal layers upto 75mm thick					
ions duly. providing and					

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260734

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	materials and stacking old serviceable materials within						
	lead of 100m, Sequential spreading of M sand aggregate						
	with fresh aggregate on prepared base and consolidating						
	as per water bound macading etc complete as per specification						
	and direction of Engineer-in charge of the work.						
	Qty vide this MB. P. 260785 ✓						
	at no. ②					2565.00 m²@90%	230850.00
31	Providing and laying, spreading and compacting graded stone						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	aggregate in wet mix macadam specification including premixing the material with water at place in mechanical mix plant carrying of mixed material by tipper lorry laying in uniform layer with paver in sub-base / base course on well paver in sub-base / base course on well prepared surface and compacting with vibrating Roller to achieve the desired density etc complete as per specification and direction of Engineer-in-charge Work.						
	Chainage RHS. 1264/8-20 to P. 2600/6						
	1265						
	= 399.154					@ 1510/m³	598725.00

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency ....
ate of commencement of work .....

Date	Full description, etc, of work
	2
4)	Clean the existing WBM binding material and brushing and shall p brushing and finally cl as to Remove the bit all materials, labour, as per specifications and of Tennis court

ASUREMENT BOOK

	Dimensions			Contents	Reference to last Measurement
	Number 3	Length 4	Breadth 5	Depth 6	7	8
					according specification including with water at OMC in mechanically mixed material by tipper lorry with power in Sub-base/base course in Sub-base/base course using vibratory Roller to density etc complete as per instruction of Engineer-in-charge	
					Chainage MB.no. 1265 P. 1264 18-20 2660 15	
					= 399.15 m³ @ 1500/m³	598725.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260735

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
4)	Clearing the existing WBM Road surface including removing binding material and other foreign matter with wire brushes and small picks, sweeping with brooms of soft brushes and finally dusting with old gunny bags/air compressor and Removing the bituminous treatment including cost of all materials, labour, tools, machineries, lugs complete as per specifications and direction of Tennis court						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Road - 1 L/S	1	30.00	$\frac{5.50+6.5}{2}$	-	180.00	
		1	31.00	$\frac{6.50+6.6}{2}$	-	203.00	
	Road - 2 - R/S	1	30.00	$\frac{6.2+6.3}{2}$	-	187.00	
		1	25.00	$\frac{6.3+6.5}{2}$	-	160.00	
	Road - 3 - Bedam	1	30.00	$\frac{6.3+6.5}{2}$	-	192.00	
	(b) dis. m.r. Layout 3rd Cross Road						
	Co.ords 3rd nos)	1	30.00	$\frac{5.0+4.4}{2}$	-	141.00	
		1	30.00	$\frac{4.4+5.4}{2}$	-	147.00	
		1	30.00	$\frac{5.4+4.6}{2}$	-	150.00	
		1	30.00	$\frac{4.4+4.9}{2}$	-	142.50	

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency .
ate of commencement of work .....

ate	Full description, etc, of work
	2
	(c) 9th Cross-Road

UREMENT BOOK

Dimensions				Contents	Reference to last Measurement
nber 3	Length 4	Breadth 5	Depth 6	7	8
1	30.00	5.50+6.50 / 2	-	180.00	
1	31.00	6.50+6.6 / 2	-	203.00	
1	30.00	6.2+6.3 / 2	-	187.50	
1	25.00	6.3+6.5 / 2	-	160.00	
1	30.00	6.3+6.5 / 2	-	192.00	
Road					
1	30.00	5.0+4.4 / 2	-	141.00	
1	30.00	4.4+5.4 / 2	-	147.00	
1	30.00	5.4+4.6 / 2	-	150.00	
1	30.00	4.4+4.7 / 2	-	142.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260736

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	30.00	4.9+5.0 / 2	-	148.50	
		1	30.00	5.0+4.8 / 2	-	147.00	
		1	30.00	4.8+5.4 / 2	-	153.00	
		1	30.00	5.4+4.6 / 2	-	150.00	
		1	30.00	4.6+4.5 / 2	-	136.50	
		1	30.00	4.5+5.0 / 2	-	142.50	
		1	7.00	5.0+4.8 / 2	-	34.30	
	(c) 9th Cross-Road						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	4.60+4.20/2		132.00	
		1	30.00	4.20+4.50/2		130.50	
		1	30.00	4.50+4.80/2		135.00	
		1	30.00	4.50+3.90/2		126.00	
		1	13.00	3.90+5.00/2		57.85	
						2986.20 m²	
				Ltd to		2938.00 m²	
				@		78/13/m² = 3845.00	
5)	Providing and applying primer coat for surfacing with cement stabilized soil base @ 1.10 kg/m²					@ Medium	

erial No. .....
lame of Work .....
ame of Contractor of nature of Agency
ate of commencement of work .....

Date	Full description, etc, of work
	2
	over prepared surface bitumen tanker filted surface). including c machineries etc comp of expenses on chg
5)	Providing and laying semi-d

UREMENT BOOK

Dimensions				Contents	Reference to last Measurement
mber 3	Length 4	Breadth 5	Depth 6	7	8
1	30.00	4.60+4.20 / 2		132.00	
1	30.00	4.20+4.50 / 2		130.50	
1	30.00	4.50+4.50 / 2		135.00	
1	30.00	4.50+3.90 / 2		126.00	
1	13.00	3.90+5.00 / 2		57.85	
				2996.20 m²	
			Less	2958.00 m²	
			@	78/13/m² = 38415.00	
mes. cost for				& medium	
stabilized	soil base @ 1.10				

M. A. R. 57 (Rule 116)
Measurement Book

No. B
260737

Serial No. .....
Name of Work .....: From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	over prepared surface with 5% bitumen emulsion using bitumen tanker fitted with spray set (Excluding cleaning of Road surface). including cost of all material, labour, hire of machineries etc complete as per specification & direction of Engineer-in-charge of Works						
					Qty vide I.T. no. (4)	2935 m²	
					@	78/- m²	230490.00
(5)	Providing and laying semi-dense bituminous concrete using crushed						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	aggregates of specified grading, premixed with bituminous binders and fillers, transporting the hot mix to worksite, laying with a paver finisher to the required grade level and alignment, Rolling with smooth wheeled, vibratory and tandem Rollers to achieve the desired compaction as per morth specifications. Clause 507 Complete in all respects as per specifications. using 110-120 TPH. Capacity 4 hrs with tenser paver grading-1 (25-30mm) with 5% CRMB-55 grade. etc complete as per specifications and directions of Engineer-In-charge. Work.						

erial No. .....
ame of Work .....
ame of Contractor of nature of Agency
ate of commencement of work .....

Date	Full description, etc, of work
	2
	a) Depression-filling
	b) Semi-Crumb = Road
	Road

UREMENT BOOK

Dimensions				Contents	Reference to last Measurement
mber 3	Length 4	Breadth 5	Depth 6	7	8

prm. laid with bituminous binder
mix to Wet mix, layer with a
d grade level and alignment,
ded, Vibratory and tandem Roller
compaction as per MoRTH specifi
mplete in all respects as per
0-120 TPH. Capacity 4 MMP Hwy
(25-30mm) with SF. CRMB-
de as per specification and directio
g work.

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260738

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	a) Depression filling	1	13.75	2.90	0.025	1.00	
		1	14.15	3.10	0.025	1.09	
		1	9.90	2.95	0.025	0.73	
		1	14.50	3.10	0.025	1.14	
		1	12.50	2.95	0.025	0.92	
	b) Semi-comb = Road-1	1	30.00	$\frac{5.5+6.5}{2}$	0.025	4.50	C & FC 28/5/15
		1	31.00	$\frac{6.5+6.6}{2}$	0.025	5.08	
	Road-2	1	30.00	$\frac{6.2+6.7}{2}$	0.025	4.68	
		1	25.00	$\frac{6.3+6.5}{2}$	0.025	4.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Road-3 (Bodatrod,)						
	3RD-CROSS-ROAD						
	(0.00 to 307.00 mt)	1	30.00	$\frac{6.5+6.3}{2}$	0.025	4.80	
		1	30.00	$\frac{4.4+5.1}{2}$	0.025	3.68	
		1	30.00	$\frac{5.4+4.6}{2}$	0.025	3.75	
		1	30.00	$\frac{4.6+4.9}{2}$	0.025	3.56	
		1	30.00	$\frac{4.9+5.0}{2}$	0.025	3.71	
		1	30.00	$\frac{5.0+4.8}{2}$	0.025	3.68	
		1	30.00	$\frac{4.8+5.2}{2}$	0.025	3.83	
		1	30.00	$\frac{5.4+4.2}{2}$	0.025	3.78	
		1	30.00	$\frac{4.6+4.5}{2}$	0.025	3.41	

C&FC
29/5/15

erial No. .....
ame of Work .....
ame of Contractor of nature of Age
ate of commencement of work .....

ate	Full description, etc, of wo
	2
	(1 9M CROSS-Road
	(0.0 to 133.00 Mt)

ASUREMENT BOOK

Dimensions				Contents	Reference to last Measurement
Number 3	Length 4	Breadth 5	Depth 6	7	8
1	30.00	(6.5+6.3)/2	0.025	4.80	C&FC dhw 29/5/15
1	30.00	(4.4+3.6)/2	0.025	3.68	
1	30.00	(5.4+4.6)/2	0.025	3.75	
1	30.00	(4.6+4.2)/2	0.025	3.36	
1	30.00	(4.9+5.0)/2	0.025	3.71	
1	30.00	(5.0+4.8)/2	0.025	3.68	
1	30.00	(4.8+5.2)/2	0.025	3.83	
1	30.00	(5.4+4.2)/2	0.025	3.78	
1	30.00	(4.6+4.5)/2	0.025	3.41	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260739

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents	Reference to last Measurement
		Number 3	Length 4	Breadth 5	Depth 6	7	8
	(1 9th Cross-Road) (0.0 to 133.00mts)	1	30.00	(4.5+5.0)/2	0.025	3.56	C&FC dhw 29/5/15
		1	7.00	(5.0+4.8)/2	0.025	0.86	
		1	30.00	(4.6+4.2)/2	0.025	3.30	
		1	30.00	(4.2+4.5)/2	0.025	3.26	
		1	30.00	(4.5+4.9)/2	0.025	3.74	
		1	30.00	(4.5+3.9)/2	0.025	3.50	
		1	13.00	(3.9+3.0)/2	0.025	1.45	917585.00
						11500	79.794

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7)	Lead for transp. & set of debris shall be payable at Coverge rates by mechanical means including loading and unloading from 0.00 to 2.00km, etc complete as per specifications and directions of Engineer-In-charge of work.						
					Qty as per IP no. (1)	398.48	25374.00
					Ltd to. 317.1843C	Sqm	
						Total. Rs	20,75,140.00
	(1) certified that the contractor has worked me satisfactorial.						
	(2) The contractor has removed the debris						
	20/05						

Certified 20/5

Assistant Executive Engin
Vidyaranyapura Sub Divi
BBMP, Bangalore - 9

SIR m

erial No. ..... (A4-

ame of Work .....

ame of Contractor of nature of Agency .....

ate of commencement of work .....

Date	Full description, etc, of work
	2
	roof
	Work done details entered in Road History p.no 43
	(Temin-court)
	55
	28/05/15

SUREMENT BOOK

Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
...rials shall be payable at Contract					
...ms including loading and unloading					
...mplete as per specifications and					
...ge of work.					
Chg as per D.D no. (1)2 398=48					
Ltd no. 317.1843C		80/-			25374.00
				Total. B	20,75,140.00
...ntractor has worked me					
...removed the debris					

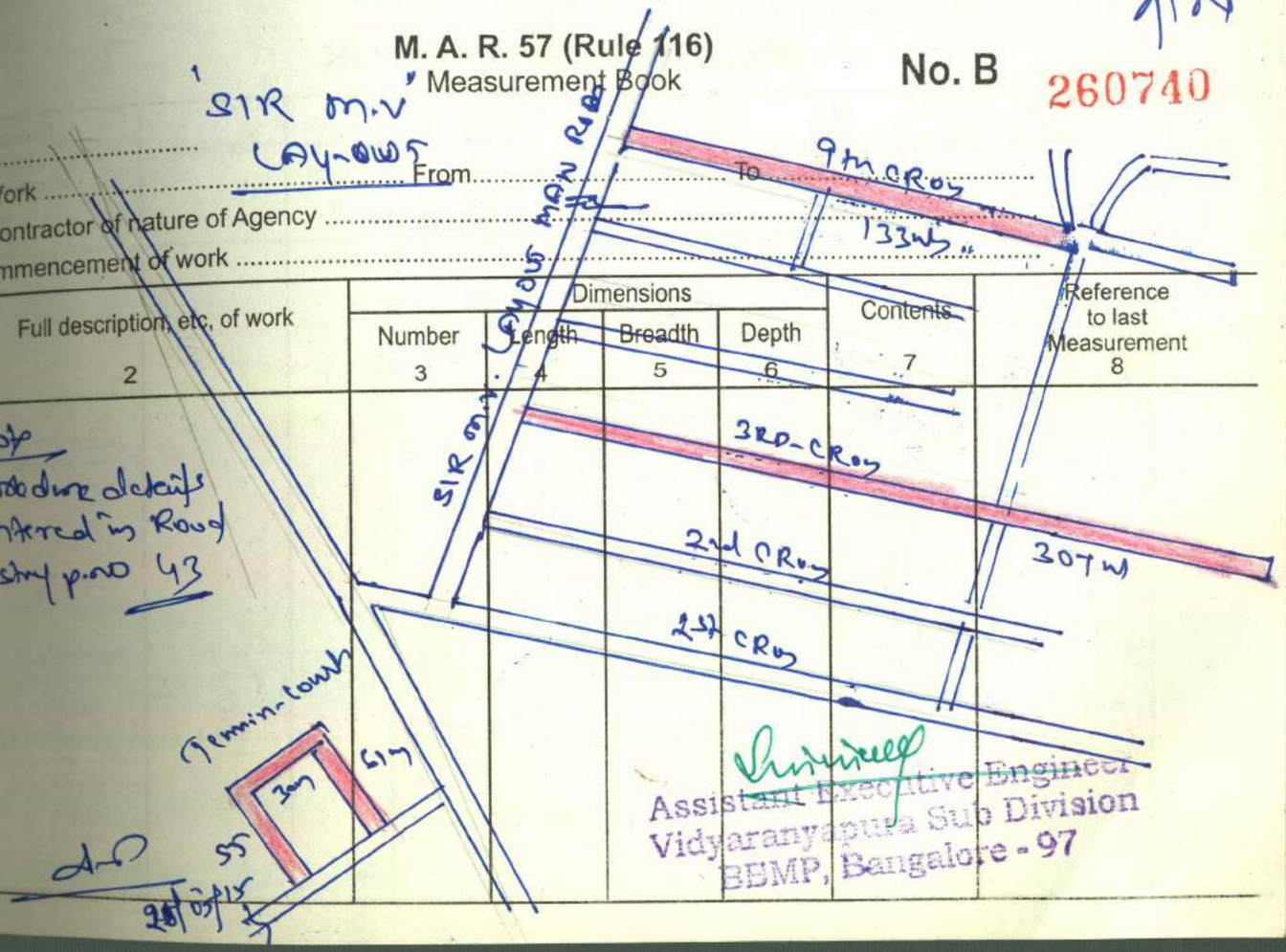
Assistant Executive Engin...
Vidyaranyapura Sub Divi...
BBMP, Bangalore - 9

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260740

Serial No. .....
Name of Work ..... From ..... To .....
Name of Contractor or nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Road						
	Woodwork details entered in Road History p.no 43						



Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Audited & Admitted for Rs 2075/40=00		I/-	20751			
	1893385=00 by Cheque		VAT-	83006			
	and Rs 181755=00 by adjustment		Lue	20751			
	Krishnaprasad Varma		CBF-	2075			
	Accts Suodt Exe Engineer		Roy	55/72			
	Byatarayanapura Dn Byatarayanapura Dn						
	BBMP BBMP		Total			181755=00	

erial No. ..... 2nd and final Bill
ame of Work .....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work
	2
	Name of work :
	JJB. No :
	Estimated cost :
	Work order. No :
	(1) Earthwork Excavation